

PATENT

Application No. 09/785,864
Amendment dated March 28, 2005
Reply to Office Action of December 28, 2004

This listing of claims will replace all prior versions, and listings of claims in the application.

Listing of Claims:

1. (Original) A method for routing calls in an Advanced Intelligent Network including the steps of:
 - a. Attempting a switch-based call-forward from a subscriber line in a Service Switching Point (SSP);
 - b. Detecting a trigger in the SSP based upon said step a);
 - c. Suspending call processing based upon said step b);
 - d. During said step c), determining whether the call forward should be permitted; and
 - e. Inhibiting or permitting the call-forward based upon the determination in said step d).
2. (Original) The method of claim 1 further including the step of sending a message to an SCP during said step c) based upon said step b).
3. (Original) The method of claim 2 wherein the message includes a forward-to number to which the call-forward attempt is made.
4. (Original) The method of claim 3 further including the steps of:
 - f. determining whether the forward-to number is a voicemail number; and
 - g. determining whether to forward the call in said step d) based upon said determination in said step f).
5. (Original) The method of claim 4 further including the step of preventing the call-forward in said step e) based upon the determination in said step f) that the forward-to number is a voicemail number.

Application No. 09/785,864
Amendment dated March 28, 2005
Reply to Office Action of December 28, 2004

PATENT

6. (Original) The method of claim 5 further including the step of forwarding the call to more than one subscriber line prior to said step a).

7. (Original) The method of claim 1 further including the step of permitting the switch-based call forward in said step e).

8. (Original) The method of claim 1 further including the step of forwarding the call to voicemail in said step e).

9. (Original) The method of claim 1 wherein said trigger is an Off-Hook Delay trigger caused by the switch's attempt to forward the call.

10. (Original) The method of claim 1 further including the step of forwarding the call to a second subscriber line.

11. (Original) An Advanced Intelligent Network Service Switching Point (SSP) including:

a plurality of specific digit strings including a first specific digit string;

a plurality of subscriber lines each assigned one of said plurality of specific digit strings;

a trigger associated with said first specific digit string and activated by a call to the first specific digit string at the SSP;

said SSP generating a request for a forwarding instruction based upon said trigger;

and

said SSP receiving said forwarding instruction and forwarding the call based upon the forwarding instruction.